| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |
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| Application/ | Control No. |
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10/708,638

Examiner

Jeff Piziali

| Applicant(s) | /Patent | unde |
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| Reexaminat   | ion     |      |

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Art Unit

2629

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(Through numeral) Cancelled

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| Clai   | m        | Date     |          |                |           |           |          | Claim Date |          |          |          |          |  |          |          |          | Claim Date |           |                 |          |     |          |            |          |          |          | $\neg$          |          |          |          |          |          |
|--|----------|----------|----------|----------------|-----------|-----------|----------|------------|----------|----------|----------|----------|--|----------|----------|----------|------------|-----------|-----------------|----------|-----|----------|------------|----------|----------|----------|-----------------|----------|----------|----------|----------|----------|
|  | _        |          | 9        |                |           |           |          | П          |          |          |          | _        |  | Т        |          |          |            |           |                 |          |     |          |            |          |          |          |                 |          |          |          |          |          |
| Final  | Original | 9/18/06  | 12/26/06 | ı              |           | -         |          |            | ı        |          | <u>a</u> | Original |  |          |          |          |            |           |                 |          | ı   | क        | Original   |          |          |          |                 |          |          |          |          |          |
| 눈  | ΕĒ       | /18      | 72       |                |           |           | - {      |            |          |          | Final    | rig      |  |          |          |          |            |           |                 |          |     | Final    | rigi       |          |          |          | 1               |          |          |          |          |          |
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|  | 1        | +        | <b>√</b> | _              | _         | $\dashv$  | $\dashv$ | 一          | -+       | 7        | -        | 51       |  | _        | +        | +        | +          | +         |                 | $\vdash$ | 1   |          | 101        |          | -        | -        | ╁               |          |          | -        | -        | $\dashv$ |
|  | 2        | +        | V        | 1              | _         | $^{+}$    | +        | ┪          | $\neg +$ | -        |          | 52       |  | $\dashv$ | +        | +        | +          | +-        | -               | $\dashv$ | }   |          | 102        | -        | $\vdash$ | -        | H               |          | -        | $\dashv$ | -        | ᅱ        |
|  | 3        | +        | Ĭ        | $\dashv$       |           | 十         | _        | +          | -        | -        |          | 53       |  | -        | +        | ╁        | ┰          | ╁╴        |                 | $\dashv$ | ŀ   | -        | 103        | -        | $\vdash$ | _        | H               |          | -        | $\dashv$ |          | ᅱ        |
| <del>                                     </del> | 4        | +        | V        | +              |           | ┰         | $\dashv$ | $\dashv$   | $\dashv$ | ┥        |          | 54       | H  | -+       | +        | +        | +          | +         | ├─              | $\dashv$ | ŀ   |          | 104        |          | -        |          | -               | _        |          | -        | -        | $\dashv$ |
|  | 5        | +        | Ĭ        | -+             | $\dashv$  | +         | $\dashv$ | -+         | $\dashv$ | $\dashv$ | -        | 55       |  | $\dashv$ | -        | +        | +          | +         | $\vdash$        | Н        | ŀ   |          | 105        |          | -        | _        | ┝               |          | $\vdash$ | $\vdash$ |          | _        |
| -  | 6        | +        | Ň        | $\dashv$       | +         | +         | $\dashv$ | -          | $\dashv$ | $\dashv$ | <b>—</b> | 56       | ╁╼╂  | -        | +        | +        | +          | +         | $\vdash$        | $\vdash$ | - } |          | 106        |          | Н        |          |                 | -        | $\vdash$ | $\dashv$ | $\dashv$ | _        |
| <del>-  </del>                                   | 7        | +        | 7        | $\dashv$       | +         | ╅         | 十        | $\dashv$   | +        |          | <b>—</b> | 57       | ╁╌┼  | -+       | +        | ╅        | +          | +-        | -               |          | ŀ   |          | 107        | _        |          |          | -               | _        | -        |          | -        | —        |
|  | 8        | +        | Ĭ        | $\dashv$       | $\dashv$  | +         | $\dashv$ | $\dashv$   | -        | $\dashv$ | <b>—</b> | 58       | <del>                                     </del> | +        | $\dashv$ | ╁        | ╅          | +         |                 | -        | }   |          | 108        |          | $\vdash$ | _        | -               | _        |          | -        | $\dashv$ |          |
| 1  | 9        | +        | 7        | $\dashv$       | +         | +         | ╅        | $\dashv$   | +        | ┥        | -        | 59       | ┥  | +        | +        | +        | +-         | +         | Н               | $\dashv$ | ł   |          | 109        |          |          | -        | $\vdash$        |          | -        | $\dashv$ |          | $\dashv$ |
|  | 10       | +        | <b>√</b> | -+             | $\dashv$  | ╅         | +        | +          | $\dashv$ | $\dashv$ | -        | 60       | $\vdash$   | -        | +        | -+       | +-         | +         | <del>-</del>    | $\dashv$ | ŀ   |          | 110        |          | Н        |          | $\vdash$        |          |          | $\dashv$ |          | $\dashv$ |
|  | 11       | +        | 7        | $\dashv$       | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ |          | 61       | $\vdash$   | $\dashv$ | +        | +        | +          | +-        | Н               | $\dashv$ | ŀ   | -        | 111        |          | $\vdash$ |          | $\vdash$        |          | $\vdash$ | -        |          |          |
|  | 12       | +        | <b>√</b> | $\dashv$       | +         | +         | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ |          | 62       | $\vdash$   | +        | +        | +        | +-         | +-        | $\vdash$        | $\dashv$ | ŀ   |          | 112        | -        | $\vdash$ |          |                 | -        | $\vdash$ | -        |          | $\dashv$ |
|  | 13       | +        | <b>√</b> | -+             | $\dashv$  | +         | $\dashv$ | $\dashv$   | +        | $\dashv$ | <b>—</b> | 63       | $\vdash$   | -+       | +        | +        | +          | +         | Н               |          | ŀ   |          | 113        | $\vdash$ | $\vdash$ | _        | $\vdash$        | $\vdash$ | $\vdash$ | $\dashv$ |          | $\dashv$ |
|  | 14       | +        | √<br>√   | +              | $\dashv$  | +         | +        | $\dashv$   | +        | $\dashv$ | -        | 64       | $\vdash$   | -+-      | +        | +        | +          | +         | $\vdash$        | $\dashv$ | }   |          | 114        | -        | $\dashv$ | _        | -               | _        | $\vdash$ | -        | 4        | $\dashv$ |
|  | 15       | Ť        | √<br>√   | $\dashv$       | +         | +         | -+       | $\dashv$   | +        | $\dashv$ |          | 65       |  | +        | +        | +        | +          | +-        | $\vdash$        | $\dashv$ | ł   |          | 115        | $\dashv$ | $\dashv$ | _        | -               | _        | $\vdash$ | $\dashv$ | 4        |          |
|  | 16       | +        | √<br>√   | $\dashv$       | +         | +         | $\dashv$ | $\dashv$   | +        | $\dashv$ | -        | 66       |  | +        | +        | +        | +          | +         | $\vdash$        | $\dashv$ | ŀ   |          | 116        | $\dashv$ | -        | _        | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 17       | $\dashv$ | <u> </u> | $\dashv$       | +         | +         | $\dashv$ | +          | +        | -        | -        | 67       |  | +        | ┰        | +        | +          | +         | $\vdash \vdash$ | $\dashv$ | -   | -1       | 117        |          | $\vdash$ |          | $\vdash$        | -        | $\dashv$ | -        |          | 4        |
|  | 18       | -        |          | $\dashv$       | _         | +         | $\dashv$ | $\dashv$   | +        | -        | -        | 68       |  | +        | +        | +        | +          | +         | $\vdash$        | -        | }   | $\dashv$ | 118        | $\dashv$ |          |          | $\vdash\vdash$  |          | $\vdash$ | $\dashv$ | 4        | $\dashv$ |
|  | 19       | $\dashv$ |          | $\dashv$       | +         | +         | +        | $\dashv$   |          | $\dashv$ | -        | 69       | H  | $\dashv$ | +        | +        | ┿          | +         | Н               | $\dashv$ | ŀ   |          | 119        |          |          |          |                 |          | _        | $\dashv$ |          | ᅴ        |
|  | 20       | $\dashv$ | $\dashv$ | $\dashv$       | -         | $\pm$     | +        | +          | +        | $\dashv$ |          | 70       | $\vdash$   | -        | +        | +        |            | ╁╌        | $\vdash$        |          | ŀ   |          | 120        |          | $\dashv$ |          | -               |          |          | -+       | -        | _        |
|  | 21       | $\dashv$ | $\dashv$ | $\dashv$       | +         | +         | +        | -+         | +        | -        |          | 71       | $\vdash$   | +        | +        | -        | -          | ╂         | Н               | $\dashv$ | ŀ   |          | 121        | _        |          |          | Н               | _        |          | -        |          |          |
|  | 22       | $\dashv$ |          | +              | +         | ╅         | +        | $\dashv$   | +        | -        |          | 72       | $\vdash$   | +        | +        |          | +          | ╁         | $\vdash$        | $\dashv$ | ŀ   |          |            | -        |          |          | Н               |          | _        | -        | _        | <u> </u> |
|  | 23       | $\dashv$ | $\dashv$ | +              | +         | ╁         | +        | $\dashv$   | +        | $\dashv$ |          | 73       | $\vdash$   |          | +        | +        | ╁          | +         | H               |          | ŀ   |          | 122<br>123 | -        | $\dashv$ | _        | Н               |          |          | -        | -        |          |
|  | 24       | $\dashv$ |          | $\dashv$       | +         | +         | +        | ┰          | $\dashv$ | $\dashv$ |          | 74       | $\vdash$   | +        | -        | +        | ╁          | +         | Н               | -        | ŀ   |          | 124        | $\dashv$ |          |          | Н               | -        |          |          |          | $\dashv$ |
|  | 25       |          | $\dashv$ | $\dashv$       | $\dashv$  | +         | +        | $\dashv$   | $\dashv$ | $\dashv$ | $\vdash$ | 75       | ╌┼   | +        | +        | +        | +          | +         | $\vdash$        | $\dashv$ | ŀ   |          | 125        |          | $\dashv$ |          | Н               | _        |          | -        | +        |          |
|  | 26       | ᅥ        | $\dashv$ | +              | +         | +         | -+       | $\dashv$   | +        | -        | -        | 76       | $\vdash$   | +        | +        | +        | ╅          | +-        |                 |          | ŀ   |          | 126        |          |          | -        | $\vdash$        |          |          | -        | $\dashv$ | 긕        |
|  | 27       | $\dashv$ | -+       | $\dashv$       | +         | ╅         | +        | $\dashv$   | $\dashv$ | +        |          | 77       |  | $\dashv$ | +        | +        | +          | +         | Н               |          | ŀ   |          | 127        | -        | -        |          |                 |          | -        | -+       | -        | 긕        |
|  | 28       |          | $\dashv$ | $\dashv$       | ┰         | +         | +        | $\dashv$   | -+       | $\dashv$ | -        | 78       | -  | -+       | +        | +        | +          | +         |                 |          | ŀ   | -        | 128        | $\dashv$ | $\dashv$ | _        | Н               | -        |          | $\dashv$ | -        | $\dashv$ |
|  | 29       |          | $\dashv$ | +              | +         | ╅         | $\dashv$ | $\dashv$   |          | ┪        |          | 79       | $\vdash$   | +        | +        | ╁        | +-         | ╁         | $\vdash$        |          | ŀ   |          | 129        | -        |          |          | Н               | -        | $\dashv$ | $\dashv$ |          | $\dashv$ |
|  | 30       | _        | -        | $\dashv$       | +         | +         | +        | _          | $\dashv$ | ┪        | -        | 80       | -  | $\dashv$ | +        | ┿        | +          | +         | $\vdash$        | -        | ŀ   |          | 130        | -        |          |          | Н               |          | $\dashv$ | $\dashv$ |          | $\dashv$ |
|  | 31       |          | $\dashv$ | +              | +         | ╅         | ┪        | $\dashv$   | +        | -        | <b></b>  | 81       | $\vdash$   | +        | +        | +        | ╅          | +         |                 | $\dashv$ | ŀ   |          | 131        | $\dashv$ | $\dashv$ |          | Н               | -        |          | $\dashv$ |          | 긕        |
|  | 32       |          | $\dashv$ | $\dashv$       | $\dashv$  | +         | $\dashv$ | 十          | +        | $\dashv$ |          | 82       | $\vdash$   | +        | +        | +        | +          | +         | $\vdash$        | $\dashv$ | - } |          | 132        |          | $\dashv$ | _        | $\vdash$        | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 33       |          | _        | $\dashv$       | +         | +         | $\dashv$ | +          | $\dashv$ | $\dashv$ |          | 83       | $\vdash$   | +        | +        | $\dashv$ | +          | +-        | $\vdash$        | $\dashv$ | ŀ   |          | 133        |          | {        | -        | $\vdash$        | -        | $\dashv$ | $\dashv$ | $\dashv$ | ᅥ        |
|  | 34       |          | 7        | $\dashv$       | +         | +         | $\dashv$ | $\dashv$   | +        | $\dashv$ |          | 84       |  | +        | +        | ┰        | +          | $\vdash$  | $\vdash$        | $\dashv$ | ŀ   |          | 134        | $\dashv$ | -        | -        | Н               |          | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|  | 35       |          | $\dashv$ | 十              | $\dashv$  | +         | +        | $\dashv$   | $\top$   | $\dashv$ |          | 85       |  | +        | +        | +        | +          | $\forall$ | $\vdash$        | $\dashv$ | - } |          | 135        | $\dashv$ |          |          | $\vdash$        | -        | $\dashv$ |          | $\dashv$ | $\dashv$ |
|  | 36       | 1        | $\dashv$ | <b>-</b>       | +         | +         | $\dashv$ | $\dashv$   | $\dashv$ | -        |          | 86       | $\vdash$   | +        | +        | +        | +          | $\vdash$  | $\vdash$        | $\dashv$ | - } |          | 136        |          | $\dashv$ |          | Н               | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 37       | 7        | $\dashv$ | _              | +         | +         | $\dashv$ | $\top$     |          | $\dashv$ |          | 87       |  | $\dashv$ | +        | 十        | +          | $\forall$ | $\vdash$        | $\dashv$ | }   |          | 137        | $\dashv$ | $\dashv$ |          | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 38       | $\neg$   | $\dashv$ | $\top$         | +         | $\dagger$ | $\top$   | $\dashv$   | $\top$   | ┪        |          | 88       | $\vdash$   | $\dashv$ | +        | +        | +          | $\vdash$  | $\vdash$        | $\dashv$ | }   | -+       | 138        | $\dashv$ | $\dashv$ | -        | H               |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 39       | $\neg$   | 7        | 7              | $\top$    | $\top$    | 十        | $\dashv$   | _        | ヿ        |          | 89       | $\vdash$   | +        | +-       | +        | +          | Н         | $\vdash$        | $\dashv$ | }   |          | 139        | $\dashv$ | -        | _        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 40       | $\dashv$ | $\dashv$ | $\top$         | 十         | $\dagger$ |          | 十          | $\dashv$ | 1        |          | 90       | $\vdash$   | $\dashv$ | +        | +-       | +          | Н         | $\vdash$        | $\dashv$ | ŀ   |          | 140        | -        | $\dashv$ | _        | Н               | $\dashv$ | ┽        | $\dashv$ | -        | $\dashv$ |
|  | 41       | $\dashv$ | 7        | $\dashv$       | $\top$    | $\dagger$ | 7        | 十          | +        | ┨        |          | 91       | $\vdash$   | +        | ╅        | +        | +          | Н         | $\vdash$        | $\dashv$ | }   |          | 141        | $\dashv$ | $\dashv$ |          | $\vdash$        |          | -        | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 42       | ヿ        | $\dashv$ | $\neg \dagger$ | +         | +         | 十        | $\dashv$   | $\dashv$ | ┨        | 1        | 92       | $\vdash$   | +        | +        | +        | +          | H         | $\vdash$        | $\dashv$ | ŀ   | $\dashv$ | 142        | $\dashv$ | $\dashv$ | -        | $\vdash$        |          | -        | $\dashv$ | -        | $\dashv$ |
|  | 43       | _        | $\dashv$ | _              | +         | +         | +        | $\dashv$   | 十        | 1        | $\vdash$ | 93       | $\vdash$   | +        | +        | $\top$   | +          | $\vdash$  | $\vdash$        | $\dashv$ | -   |          | 143        | ᅱ        | +        |          | $\vdash$        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 44       | ヿ        | $\dashv$ | 十              | ┪         | 十         | $\top$   | $\top$     | $\top$   | ┨        |          | 94       | $\vdash$   | 十        | $\dashv$ | +        | +          | H         |                 | $\dashv$ | -   |          | 144        | $\dashv$ | $\dashv$ | _        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|  | 45       | $\dashv$ | $\neg$   | $\top$         | 十         | 十         | $\dashv$ | $\top$     | $\top$   | ╛        |          | 95       | $\vdash$   | $\top$   | +        | +        | +          | Н         | $\dashv$        | $\dashv$ | ŀ   | -        | 145        | $\dashv$ | +        | $\dashv$ | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |
| <u> </u>   | 46       | 寸        | $\dashv$ | $\top$         | $\top$    | +         | $\top$   | 十          | +        | -        |          | 96       | $\vdash$   | $\dashv$ | ╅        | ╅        | ╁          | +         | $\dashv$        | $\dashv$ | ł   |          | 146        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$        | $\dashv$ | -+       | $\dashv$ | +        | $\dashv$ |
|  | 47       | ᅥ        | _        | $\top$         | +         | +         | $\dashv$ | $\dashv$   | +        | ┪        |          | 97       | $\vdash$   | +        | +        | +        | +          | $\vdash$  | $\dashv$        | $\dashv$ | ŀ   | -+       | 147        | $\dashv$ | $\dashv$ | -        | $\dashv$        |          | +        | +        | $\dashv$ | $\dashv$ |
|  | 48       | 寸        | _        | +              | +         | +         | $\dashv$ | +          | +        | ٦.       |          | 98       | $\vdash$   | +        | +-       | +        | +          | +         | -               | $\dashv$ | ŀ   |          | 148        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash \vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 49       | 寸        | 寸        | +              | +         | $\dagger$ | $\top$   | 十          | +        | ٦.       |          | 99       | $\vdash$   | $\top$   | +        | ┿        | +          | $\vdash$  | $\dashv$        | -        | ŀ   | $\dashv$ | 149        | $\dashv$ | -        | $\dashv$ | $\dashv$        | $\dashv$ |          | -+       | -+       | $\dashv$ |
|  | 50       | $\dashv$ | $\dashv$ | +              | $\dagger$ | T         | +        | $\top$     | $\top$   | 7        |          | 100      | -  | +        | ╅        | +        | +          |           | -+              | ᅱ        | ŀ   |          | 150        | H        | ᆉ        |          |                 |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 1        |          |          |                |           | Щ.        |          |            | L_       |          | ш        |          | LI.  | ㅗ        |          |          | ۰          | щ         |                 |          | L   |          | 150        |          |          |          |                 |          |          |          | $\perp$  |          |